

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| L1 | 28 | pressure same profile and control\$3 same system and wellbore and mud same pulse same telemetry | US-PGPUB; USPAT | OR | ON | 2005/05/25 10:54 |
| L2 | 9 | pressure same profile and correlat\$4 and controll\$3 same system and wellbore and mud same pulse same telemetry | US-PGPUB; USPAT | OR | ON | 2005/05/25 13:45 |
| L3 | 0 | peforated and command same signal and pressure same profile and correlat\$4 and controll\$3 same system and wellbore and mud same pulse same telemetry | US-PGPUB; USPAT | OR | ON | 2005/05/25 13:38 |
| L4 | 0 | peforated and command and signal and pressure same profile and correlat\$4 and controll\$3 same system and wellbore and mud same pulse same telemetry | US-PGPUB; USPAT | OR | ON | 2005/05/25 13:38 |
| L5 | 0 | peforated and command and pressure same profile and correlat\$4 and controll\$3 same system and wellbore and mud same pulse same telemetry | US-PGPUB; USPAT | OR | ON | 2005/05/25 13:38 |
| L6 | 0 | peforated and command and pressure and profile and correlat\$4 and controll\$3 same system and wellbore and mud same pulse same telemetry | US-PGPUB; USPAT | OR | ON | 2005/05/25 13:38 |
| L7 | 21 | command and pressure and profile and correlat\$4 and controll\$3 same system and wellbore and mud same pulse same telemetry | US-PGPUB; USPAT | OR | ON | 2005/05/25 13:39 |
| L8 | 21 | command and signal and pressure and profile and correlat\$4 and controll\$3 same system and wellbore and mud same pulse same telemetry | US-PGPUB; USPAT | OR | ON | 2005/05/25 13:39 |
| L9 | 19 | command same signal and pressure and profile and correlat\$4 and controll\$3 same system and wellbore and mud same pulse same telemetry | US-PGPUB; USPAT | OR | ON | 2005/05/25 13:39 |
| L10 | 9 | pressure same profile and correlat\$4 and controll\$3 same system and wellbore and mud same pulse same telemetry | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/25 13:45 |

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| L11 | 9 | pressure\$4 same profile\$3 and correlat\$4 and controll\$3 same system\$3 and wellbore\$3 and mud\$3 same pulse\$4 same telemetry\$4 and signal\$3 and control\$4 and command\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/25 14:05 |
| L12 | 34 | ("3497019" "4430892" "4575261" "4662458" "4695957" "4761889" "4794534" "4805449" "4854397" "4903245" "4956921" "4972703" "5064006" "5163521" "5230387" "5250806" "5269383" "5318137" "5332048" "5341886" "5353873" "5358059" "5390748" "5394951" "5410303" "5419505" "5439064" "5467832" "5473158" "5490569" "5602541" "5678643" "5803185").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/25 13:47 |
| L13 | 11 | (borehole or (bore same tool) or downhole or (down same hole)) same tool and (autocorrelat\$4 or (auto same correlat\$4)) and command same sequenc\$4 | US-PGPUB; USPAT | OR | ON | 2005/05/25 14:09 |
| L14 | 0 | (borehole or (bore same tool) or downhole or (down same hole)) same tool and (autocorrelat\$4 or (auto same correlat\$4)) and command same sequenc\$4 and adj3priori | US-PGPUB; USPAT | OR | ON | 2005/05/25 14:09 |
| L15 | 1 | (borehole or (bore same tool) or downhole or (down same hole)) same tool and (autocorrelat\$4 or (auto same correlat\$4)) and command same sequenc\$4 and priori | US-PGPUB; USPAT | OR | ON | 2005/05/25 14:10 |
| L16 | 11 | (borehole or (bore same tool) or downhole or (down same hole)) same tool and (autocorrelat\$4 or (auto same correlat\$4)) and command same sequenc\$4 | US-PGPUB; USPAT | OR | ON | 2005/05/25 14:10 |
| L17 | 9 | ("3717844" "3878502" "3914732" "4051907" "4147222" "4281403" "4807200" "6002640" "6308137").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/25 14:36 |
| L18 | 0 | ("3717844" "3878502" "3914732" "4051907" "4147222" "4281403" "4807200" "6002640" "6308137").PN. and priori | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/25 14:36 |

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| L19 | 1 | ("3717844" "3878502" "3914732" "4051907" "4147222" "4281403" "4807200" "6002640" "6308137").PN. and perfor\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/25 14:36 |
| S1 | 232 | control\$3 same system and wellbore and mud same pulse same telemetry | US-PGPUB; USPAT | OR | ON | 2005/05/25 10:54 |
| S2 | 0 | control\$3 same system and wellbore and mud same pulse same telemetry with priori | US-PGPUB; USPAT | OR | ON | 2005/05/24 17:01 |
| S3 | 5 | control\$3 same system and wellbore and mud same pulse same telemetry and priori | US-PGPUB; USPAT | OR | ON | 2005/05/24 17:03 |
| S4 | 0 | control\$3 same system and wellbore same mud same pulse same telemetry and priori | US-PGPUB; USPAT | OR | ON | 2005/05/24 17:03 |
| S5 | 56 | control\$3 same system and wellbore same mud same pulse same telemetry | US-PGPUB; USPAT | OR | ON | 2005/05/24 17:03 |
| S6 | 20 | control\$3 same system same wellbore same mud same pulse same telemetry | US-PGPUB; USPAT | OR | ON | 2005/05/24 17:19 |
| S7 | 0 | autocorrelation same command same wellbore same mud same pulse same telemetry | US-PGPUB; USPAT | OR | ON | 2005/05/24 17:20 |
| S8 | 0 | autocorrelation same command and wellbore and mud same pulse same telemetry | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 17:21 |
| S9 | 0 | autocorrelation and command and wellbore and mud same pulse same telemetry | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 17:21 |
| S10 | 0 | autocorrelation and control\$4 and wellbore and mud same pulse same telemetry | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 17:21 |
| S11 | 2 | auto same correlation and control\$4 and wellbore and mud same pulse same telemetry | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 17:26 |

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| S12 | 1 | pressure same pulse and auto same correlation and control\$4 and wellbore and mud same pulse same telemetry | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/24 17:26 |
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| | U | 1 | Document ID | Issue Date | Pages |
|-----------|----------|----------|----------------------|-------------------|--------------|
| 1 | | | US 20050090985 A1 | 20050428 | 8 |
| 2 | | X | US 20040006430 A1 | 20040108 | 39 |
| 3 | | X | US 6885918 B2 | 20050426 | 38 |
| 4 | | X | US 6584406 B1 | 20030624 | 39 |
| 5 | | X | US 5182730 A | 19930126 | 43 |
| 6 | | X | US 5150333 A | 19920922 | 42 |
| 7 | | X | US 5113379 A | 19920512 | 59 |
| 8 | | X | US 4866680 A | 19890912 | 51 |
| 9 | | X | US 4839644 A | 19890613 | 34 |
| 10 | | X | US 4346593 A | 19820831 | 20 |
| 11 | | X | US 4297879 A | 19811103 | 30 |

| | Title | Current OR | Current XRef |
|----|---|------------|------------------------------------|
| 1 | Downhole tool controller using autocorrelation of command sequences | 702/6 | |
| 2 | Seismic monitoring and control method | 702/14 | |
| 3 | Seismic monitoring and control method | 701/14 | 702/6 |
| 4 | Downhole process control method utilizing seismic communication | 702/6 | 702/9 |
| 5 | Method and apparatus for transmitting information in a borehole employing signal discrimination | 367/83 | 367/43 |
| 6 | Method and apparatus for providing improved pressure pulse characteristics for measuring while drilling | 367/83 | 367/43; 367/85 |
| 7 | Method and apparatus for communicating between spaced locations in a borehole | 367/83 | |
| 8 | Method and apparatus for transmitting information in a borehole employing signal discrimination | 367/83 | 367/43 |
| 9 | System and method for communicating signals in a cased borehole having tubing | 340/854.3 | 175/40; 340/854.6; 340/855.5 |
| 10 | Well logging correction method and apparatus | 73/152.02 | 340/855.5 |
| 11 | Well logging correlation method and apparatus | 73/152.02 | 340/854.1; 340/855.4; 702/9 |